

RIC 2002
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Risk Informed Regulation Technical Requirements

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RIP50 Option 2

Risk Informing Special Treatment Requirements

The Utility Perspective

Criteria For Success

- ◆ Robust, Repeatable, Efficient and Stable Risk Ranking Method.
- ◆ Exemption from ALL Regulatory Special Treatment Requirements for RISC-3 Structures, Systems, and Components.
- ◆ Ability to Implement Over Extended Time

Risk Ranking Method

- ◆ Experience to Date
 - Used at PVNGS to Review MOV Ranking
 - Official Pilot Ranking at Quad Cities, Wolf Creek, Surry Complete. PVNGS on 3/11
- ◆ Generally Positive Experience
 - Robust – Yes
 - Repeatable – Yes
 - Efficient – Not Yet
 - Stable – Apparently

Exemption from ALL Special Treatment

- ◆ Maximize Benefit
- ◆ Need to be able to use existing plant programs for RISC-3 SSC's, without changes. For Example:
 - IST – Use Preventive and Predictive Maintenance Programs
 - Procurement – Use Non-Q or Augmented Q Procurement as necessary
 - Design Control – Use as is to preserve Design Basis Functional Requirements

Ability To Implement Over Time

- ◆ Cost Justification Will Be Difficult
 - Current Cost Accounting Systems Do Not Categorize Cost By Program. Cost Savings Will Be Estimates.
 - High Cost For Risk Ranking Activity
 - High Cost For Implementation Of Revised Treatment
 - Need 2-3 year payback time

- ◆ Implement As Ranking For Each System Is Completed To Start Cost Recovery

Conclusion

- ◆ Positive Potential Exists – Need to Pursue Pilot Efforts to Conclusion
- ◆ Decision To Implement 50.69 For Existing Plants Still Uncertain
 - What Is The Scope Of Regulations Included
 - How Are The Treatment Requirements For RISC-3 SSC's Defined